

Title (en)
Mobile built-up folding crane

Title (de)
Mobiler aufgebauter Klappkran

Title (fr)
Grue pliante érigée mobile

Publication
EP 2695844 B1 20150401 (EN)

Application
EP 12006026 A 20120823

Priority
PL 40030412 A 20120809

Abstract (en)
[origin: EP2695844A1] Mobile built-up folding crane of modular construction contains at least one boom (1), rotary tower (2) with column (3) on foot (4) located on mobile foundation (5), lifting unit (6) connected with at least one top (7), wherein boom (1) is fitted out of boom modules (8) joined together by means of lifting units (9). Each boom module (8) is designed like framing construction composed of stringers (10) and bars (11) that connect them crosswise and, inclusively or exclusively, slantwise, wherein stringer (10) is composed of at least two parts. Modules of at least one boom (1) are dismantable into smaller and basically individual elements, which are mainly stringers (10) and bars (11). Each individual stringer (10) is fitted with at least two bosses (15) tipped with collars (16), wherein bosses (15) can be located at the ends or inside the stringer (10) length at right angle or acute angle in relation to the stringer, and single bar (11) is fitted at its ends with collars (16), wherein boss (15) and, inclusively or exclusively, collar (16) constitute element of linking unit (9).

IPC 8 full level
B66C 23/28 (2006.01); **B66C 23/52** (2006.01)

CPC (source: EP)
B66C 23/283 (2013.01); **B66C 23/52** (2013.01)

Cited by
CN105384085A; CN108639977A; NL2021383B1; US11807503B2; WO2020022881A1

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GB NL NO

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EP 2695844 A1 20140212; **EP 2695844 B1 20150401**; PL 221178 B1 20160331; PL 400304 A1 20140217

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